

STS-114
FLIGHT READINESS REVIEW
Eastern Range

June 29 - 30, 2005

AGENDA

Presenter:
M. Gawel

Organization/Date:
Eastern Range/06-29/06-30-05

- **Previous Launch**
- **Changes**
- **Range Safety Support**
- **Optics Status**
- **Issues/Concerns**
- **ER/DoD Network Readiness**

Previously Presented

Previously Presented

To Be Presented

To Be Presented

No Issues

To Be Presented



RANGE SAFETY SUPPORT

Presenter:**M. Gawel****Organization/Date:****Eastern Range/06-29/06-30-05****FLIGHT TERMINATION SYSTEM****PERSONNEL****FLIGHT TRAJECTORY ANALYSIS****FCO DISPLAYS****MISSION SAFETY FLIGHT RULES****DESTRUCT CRITERIA****CERTIFIED****7 Apr 05****June 05****22 Sep 97****UPDATED
(new turn data)**





STS-114 FLIGHT TRAJECTORY ANALYSIS**Presenter:****M. Gawel****Organization/Date:****Eastern Range/06-29/06-30-05**

- JSC has provided the normal Range Safety (RS) data package
 - Nominal baseline trajectory file received
7 April 2005
 - Dispersed and engine-out trajectory files received
7 April 2005 and October 2000 (generic dispersed)
- Day-of-launch trajectory update provided for display on RS Displays (RSD)
- Day-of- launch trajectory verified by NASA and FCO to be within RSD 3 sigma limits



OPTICS STATUS

Presenter:**M. Gawel****Organization/Date:****Eastern Range/06-29/06-30-05**

- PB DOAMS 
- PIGOR 
- ATOTS-1 
- ATOTS-2 
- CB DOAMS Relocation Project to PAFB ETRO: Apr 06



ISSUES / CONCERNS

Presenter:

M. Gawel

Organization/Date:

Eastern Range/06-29/06-30-05

- Delta IV GOES-N 24 Jun 05 2214-2259Z
 - WAVE
 - NDR



READINESS STATEMENT

Presenter:**M. Gawel****Organization/Date:**

Eastern Range/06-29/06-30-05

Subject to completion of scheduled work, Eastern Range and the DoD Shuttle Network are ready to support STS-114 Launch Operations

